



13049 U.S. PTO

Attorney's Docket No.: SON5180.41A1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22213-1450

22141 U.S. PTO  
10/814847



NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor(s):

YOSHIFUMI NISHIDA; ATSUSHI SHIONOZAKI

For (title):

OPTIMIZING IEEE 802.11 FOR TCP/IP DATA TRANSFER

1. **Type of Application**

(check all applicable)

- ☒ Utility
- ☐ Design
- ☐ Plant
- ☐ Divisional
- ☐ Continuation
- ☐ Continuation of PCT designating US
- ☐ Continuation-in-part (CIP)

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date 3/30/07 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV352303915US addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

John P. O'Banion

(Type or print name of person mailing paper)

(Signature of person mailing paper)

NOTE: Each paper or fee referred to as enclosed herein has the number of the "Express Mail" label placed thereon prior to mailing. 37 CFR 1.10(b).

**2. Papers Enclosed Which Are Required For Filing Date Under 37 CFR 1.53(b) (Regular) or 37 CFR 1.153 (Design) Application**

17 Pages of specification

9 Pages of claims

1 Pages of Abstract

6 Sheets of drawing

X formal

— informal

— The enclosed drawing(s) include photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. 1.84(b).

**3. Additional papers enclosed**

— Preliminary Amendment

X Information Disclosure Statement By Applicant

X Citations

— Authorization of Attorney(s) to Accept and Follow Instructions from Representative

— Special Comments

— Other (SPECIFY)

**4. Declaration Or Oath**

X Enclosed

executed by:

X inventor(s)

— Copy from a prior application (37 CFR 1.63(d)) (divisional or continuation only)

— Not Enclosed. Application is made by a person authorized under 37 CFR 1.41(c) on Behalf of all of the above named inventor(s).

(The declaration or oath, along with the surcharge required by 37 CFR 1.16(e) can be filed subsequently).

**5. Inventorship Statement**

The inventorship for all the claims in this application are:

X The same

or

- ☐ Are not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made,
- ☐ is submitted.
- ☐ will be submitted.

**6. Language**

- ☒ English
- ☐ non-English
- ☐ the attached translation is a verified translation. 37 CFR 1.52(d).

**7. Assignment**

- ☒ An assignment of the invention to: SONY CORPORATION AND SONY ELECTRONICS, INC.
- ☒ is attached. A separate "ASSIGNMENT COVER LETTER ACCOMPANYING NEW PATENT APPLICATION" is also attached.
- ☐ will follow.

**8. Fee Calculation (37 CFR 1.16)**

CLAIMS AS FILED							
	Number filed		Number Extra		Rate		Basic Fee \$ 770
Total							
Claims 37 CFR 1.16(c)	47 - 20	=	27	X	\$18	=	486
Independent							
Claims (37 CFR 1.16(b))	5 - 3	=	2	X	\$86	=	172
Multiple dependent claim(s), if any (37 CFR 1.16(d))				+	\$290	=	

- ☐ Amendment canceling extra claims enclosed.
- ☐ Amendment deleting multiple-dependencies enclosed.
- ☐ Fee for extra claims is not being paid at this time.

**Filing Fee Calculation**      \$ 1428

**9. Fee Payment Being Made At This Time**

☐ Not Enclosed

☐ No filing fee is to be paid at this time. (This and the surcharge required by 37 CFR 1.16(e) can/will be paid subsequently.)

☒ Enclosed

☒ basic filing fee \$ 1428

☐ petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached. (\$130.00; 37 CFR 1.47 and 1.17(h)) \$ \_\_\_\_\_

Total Fees Enclosed \$ 1428

**10. Method of Payment of Fees**

☒ Check in the amount of \$ 1428

☐ Charge Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.  
A duplicate of this transmittal is attached.

**11. Authorization to Charge Additional Fees**

☐ The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. \_\_\_\_\_;

☐ 37 CFR 1.16(a), (f) or (g) (filing fees)

☐ 37 CFR 1.16(b), (c) and (d) (presentation of extra claims)

☐ 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

☐ 37 CFR 1.18 (application processing fees)

☐ 37 CFR 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b))

**12. Instructions As To Overpayment**

☐ credit Account No. \_\_\_\_\_

☒ refund

**13. Incorporation By Reference of Papers Identified Herein**

Applicant(s) hereby incorporate(s) by reference all papers which are identified in this New Application Transmittal.

14. Correspondence Address

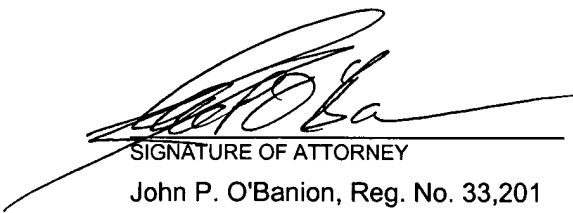
Please use the following correspondence address for all communications:

CUSTOMER NUMBER 36813

John P. O'Banion, Reg. No. 33,201  
O'BANION & RITCHEY LLP  
400 Capitol Mall, Suite 1550  
Sacramento, CA 95814  
(916) 498-1010

15. Signature of Attorney

Dated: 3/30/04

  
SIGNATURE OF ATTORNEY

John P. O'Banion, Reg. No. 33,201

CUSTOMER NUMBER 8156

**CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that the foregoing:

Combined Declaration and Power of Attorney (4 pages)

is being deposited with the United States Postal Service on 3/30/04 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV352303915US addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JOHN P. O'BANION

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(Signature of person mailing paper)

**CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that the foregoing:

Information Disclosure Statement by Applicant (1 page)

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an envelope as "Express Mail Post Office to Addressee" Mailing Label Number  
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I hereby certify that the foregoing:

Citation (1)

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JOHN P. O'BANION

**(Type or print name of person mailing paper)**

  
  
**(Signature of person mailing paper)**



# **CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that the foregoing:

U.S. Patent Application

1. Specification (pages 1-20)
2. Claims (pages 21-28)
3. Abstract (page 29)
4. Drawings (sheets 1-12)

is being deposited with the United States Postal Service on 3/30/04 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV352303915US addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

\_\_\_\_\_  
JOHN P. O'BANION

(Type or print name of person mailing paper)

\_\_\_\_\_  
(Signature of person mailing paper)

**CERTIFICATION UNDER 37 CFR 1.10**

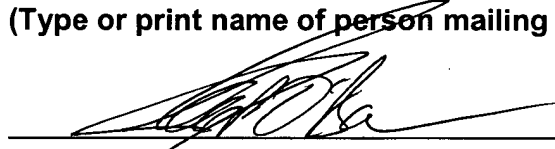
I hereby certify that the foregoing:

Assignment (Document) Cover Letter w/Assignment Attached (6 pages)

is being deposited with the United States Postal Service on 3/30/04 in  
an envelope as "Express Mail Post Office to Addressee" Mailing Label Number  
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